

Converting Colors

YIQ(174.8780, 72.7200,
-18.3520)

Have a look what the booklet for
YIQ(174.8780, 72.7200, -18.3520)
contains.

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Color

**YIQ(174.8780, 72.7200,
-18.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A73F
RGB	233, 167, 63
RGB Percent	91%, 65%, 25%
CMY	0.0862, 0.3452, 0.7526
CMYK	0.00, 0.28, 0.73, 0.09
HSL	37°, 79%, 58%
HSV	37°, 73%, 91%
XYZ	48.3254, 45.3147, 10.9160
YIQ	174.8780, 72.7200, -18.3520

Conversions

Conversions Part 2

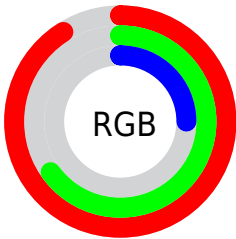
Format	Color
RYB	171, 233, 63
Decimal	15312703
CIELab	73.10, 15.02, 60.71
CIElCh	73, 62.539, 76.100
Yxy	45.3147, 0.4622, 0.4334
Android (android.graphics.Color)	4293502783 (0xFFE9A73F)
YUV	174.8780, -55.1559, 50.9730
Hunter-Lab	67.3162, 10.3394, 37.5068

Details

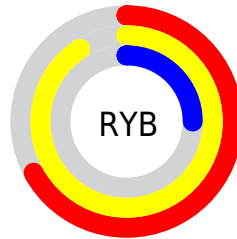
The YIQ color **174.8780, 72.7200, -18.3520** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **121.1220, -72.7200, 18.3520**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7830, 53.6940, -25.9700**, and **119.2320, 71.4830, -23.4690** is the 20% darker color. If you saturate the color by 10%, you get **166.9730, 82.5780, -20.7980**, and if you desaturate by 10%, it is **182.7830, 62.8620, -15.9060**.

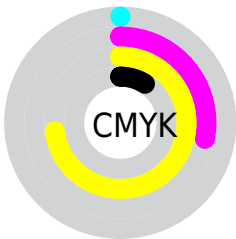
Distribution



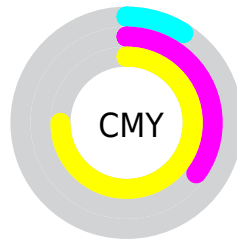
- Red (91%)
- Green (65%)
- Blue (25%)



- Red (67%)
- Yellow (91%)
- Blue (25%)



- Cyan (0%)
- Magenta (28%)
- Yellow (73%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8780, 72.7200, -18.3520 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 174.8780, 72.7200, -18.3520 by changing the saturation by 10% instead.

174.8780, 72.7200,
-18.3520

174.8780, 72.7200,
-18.3520

255.0000, -0.0000,
-0.0000

147.4540, 70.9780,
-19.8220

219.7830, 53.6940,
-25.9700

119.2320, 71.4830,
-23.4690

239.9980, 36.7310,
-32.4290

96.1740, 60.2030,
-17.2770

245.4240, 26.9640,
-26.1240

73.7140, 50.1150,
-10.6610

248.6160, 17.9760,
-17.4160

52.1290, 38.8810,
-5.3030

251.9220, 8.6670,
-8.3970

31.7290, 28.5640,
-0.0440

10.4650, 20.8600,

7.4200

■ 0.0000, 0.0000,
0.0000

■ 174.8780, 72.7200,
-18.3520

■ 174.8780, 72.7200,
-18.3520

■ 166.9730, 82.5780,
-20.7980

■ 182.7830, 62.8620,
-15.9060

■ 158.9540, 92.7570,
-23.5550

■ 190.8020, 52.6830,
-13.1490

■ 153.0210, 99.8180,
-24.8700

■ 198.7070, 42.8250,
-10.7030

■ 206.6120, 32.9670,
-8.2570

■ 214.6310, 22.7880,
-5.5000

■ 222.5360, 12.9300,
-3.0540

■ 230.4410, 3.0720,
-0.6080

■ 238.4600, -7.1070,
2.1490

■ 244.3130,
-11.1870, -1.0030

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.6460, 80.3260, 9.0140



174.8780, 72.7200, -18.3520



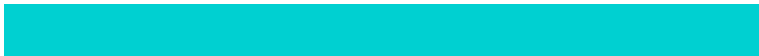
170.2550, 37.1450, -39.9350

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174.8780, 72.7200, -18.3520



145.9220, -124.2890, -43.7850



184.0850, 8.9320, 47.3960

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



174.8780, 72.7200, -18.3520



121.1220, -72.7200, 18.3520

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



171.5620, -50.7120, 15.9760



174.8780, 72.7200, -18.3520



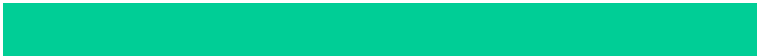
148.8180, -137.9550, -27.3870

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.8780, 72.7200, -18.3520



138.0220, -104.8000, -61.0880



142.3610, -134.9300, -21.6340



177.5550, 48.5910, 50.0230

Rectangle

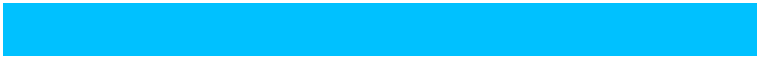
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.8780, 72.7200, -18.3520



165.5590, 3.8140, -47.1140



142.3610, -134.9300, -21.6340



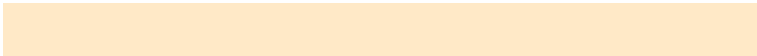
181.6050, -7.5720, 38.1240

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174.8780, 72.7200, -18.3520



235.7020, 24.0260, -5.9100



121.5820, 79.4920, 57.1880



116.4930, 14.4890, -3.7750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.8780, 72.7200, -18.3520



178.3950, 95.8290, -24.1630



208.5370, 44.4380, -56.4740



113.3980, 4.6310, -1.3290



119.2760, 77.3510, -19.6810



35.5170, 23.1090, -5.8110

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



121.1220, -72.7200, 18.3520



107.6050, -95.8290, 24.1630



87.4630, -44.4380, 56.4740



109.6020, -4.6310, 1.3290



61.7240, -77.3510, 19.6810



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 174.8780, 72.7200, -18.3520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 174.8780, 72.7200, -18.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.8780, 72.7200, -18.3520

Background



This preview shows how black text looks on a background with the YIQ color 174.8780, 72.7200, -18.3520.



This preview shows how white text looks on a background with the YIQ color 174.8780, 72.7200, -18.3520.

-18.3520.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

174.8780, 72.7200, -18.3520

Protanopia

173.3970, 48.7890, -30.6910

Deuteranopia

174.7200, 67.1730, -22.4510



Tritanopia

182.4840, 46.2120, 21.5400

Trichromacy



Original Color

174.8780, 72.7200, -18.3520

Protanomaly

173.9360, 57.6370, -25.8430

Deuteranomaly

175.0300, 69.2360, -21.2920

Tritanomaly

179.6030, 55.5220, 6.9940

Monochromacy



Original Color

174.8780, 72.7200, -18.3520

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8440, 26.5020, -6.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8780, 72.7200, -18.3520 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 167, 63)` looks like.

```
.text, #text, p{  
    color:rgb(233, 167, 63)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 167, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 167, 63) }
```

Border

The CSS property to change the border of an element to YIQ 174.8780, 72.7200, -18.3520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 167, 63) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 167, 63) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 167, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 167, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 167, 63);  
box-shadow:4px 4px 4px 4px rgb(233, 167,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8780, 72.7200, -18.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 167, 63) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
167, 63) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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